

ABSTRACT

A vibration isolation support for mounting an engine in a vehicle frame, the engine having a theoretical roll axis, the vibration isolation support including an engine bracket fixed to the engine; a frame bracket fixed to the vehicle frame; and an isolator

- 5 connected between the engine bracket and the frame bracket, where the isolator is radially symmetrical about a longitudinal axis, and the engine bracket is fixed to the engine and the frame bracket is fixed to the frame such that a vertical plane drawn through the isolator's longitudinal axis is perpendicular to a horizontal plane drawn through the theoretical roll axis, and the isolator's longitudinal axis intersects the
- 10 horizontal plane through the theoretical roll axis at an acute angle that is less than or equal to 45° .